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# PUBLIC NOTICE

**File Number: NRS 14.319**

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Pursuant to Chapter 0400-4-7 of the Department's rules, the proposed activity described below has been submitted for approval under an Aquatic Resource Alteration Permit and §401 Water Quality Certification. This notice is intended to inform interested parties of this permit application and to ask for comments and information necessary to determine possible impacts to water quality. No decision has been made whether to issue or deny this application.

**APPLICANT:** Mark Johnson  
ANR Pipeline Company  
700 Louisiana Street, Suite 700  
Houston, TX 77002  
(832) 320-5369

**LOCATION:** The project area is in the City of Piperton, Fayette County. It extends northeast/southwest between Highway 57 to the southwest and the Wolf River to the northeast. Coordinates near the center of the site are 35.054832 north latitude and -89.611735 west longitude. The project area is approximately 58 acres.

**PROJECT DESCRIPTION:** ANR is requesting authorization of the proposed construction activities within approximately 0.47 acres of wetlands and 600 linear feet of streams, associated with ANR's Piperton Class Change Project (Project). The proposed Project will involve the removal and replacement of two segments of their existing natural gas pipelines (Lines 501 and 1-501), each approximately 1.3 miles in length. The replacements are being completed as part of a required class change due to increasing residential development surrounding the right-of way (ROW).

The construction workspace will include an approximately 2.3-acre contractor yard, approximately 11-acres of additional temporary workspace (ATWS) for site access and temporary storage of vehicles, equipment, trailers, and offices, and an approximately 12-acre pipeline right-of-way (ROW) within which work will occur. Access to the contractor yards and southern portion of the pipeline ROW workspace will be directly north or south off of TN-57. Access to the remaining portions of the ROW will be from one or more of the three other roads that cross the pipeline ROW, including Twin Lakes Road, Ian Mercer Drive, or Loyde Lane.

ANR is proposing to replace the pipe using open trench installation methods across the Project workspace except for the installation and abandonment under the existing highway TN-57. Pipe will be installed under TN-57 using horizontal boring construction techniques. The use of horizontal boring construction techniques will allow safe construction with

minimal disturbance to the existing highway. In addition to the construction of the new pipeline, ANR is proposing to remove the existing pipelines using a conventional excavation method up to the existing toe of slopes on each side of TN-57. The segments of existing pipeline beneath TN-57 will be capped, filled with bentonite grout, and abandoned in place.

The proposed pipeline replacement activities will require the clearing of vegetation, permanent ROW vegetation maintenance, and temporary soil disturbance within 0.09 acres of palustrine forested (PFO) wetlands and the temporary installation of timber mats across 0.38 acres of palustrine emergent wetland (PEM). Also, as part of the Project, ANR is proposing to cross one (1) intermittent and three (3) ephemeral streams within the Project workspace. No stream realignment is proposed as part of the Project and streams will be restored to pre-construction contours. Permanent vegetation maintenance will be consistent with FERC's mandatory ROW maintenance requirements. FERC requires that no trees or shrubs can be allowed to grow within the 10-foot corridor centered over each of the two (2) pipes. In addition, FERC requires that any trees over 15 feet tall and within 15 feet of the two (2) pipes be selectively removed, in order to prevent growing roots from damaging the pipeline and allow easy and safe accessibility to the pipe. Due to a minimal offset in the replaced pipeline locations (approximately 5 feet to reduce gas supply outage times), approximately 5 feet of new pipeline easement is being established as a part of this Project. The portions of the PFO wetland outside of this ROW maintenance zone will be allowed to re-vegetate to preconstruction conditions. No new permanent above ground structures will be installed as part of the Project.

Construction methodology shall follow the protocol for utility line construction through wetlands. The stream banks and wetlands shall be returned to pre-existing conditions. The applicant shall submit annual monitoring reports for 2 years to document the return to pre-existing conditions.

**DEGRADATION:** In accordance with the Tennessee Antidegradation Statement (Rule 0400-40-03-.06), the division has determined that the proposed activities will not result in degradation to water quality.

**WATERSHED / WATERBODY DESCRIPTION:** The proposed project lies within the Wolf River watershed. More information can be found at <http://www.state.tn.us/environment/water/watersheds/wolfriver.shtml>

**PERMIT COORDINATOR:** Mike Lee

**FACTORS CONSIDERED:** In deciding whether to issue or deny a permit, the department will consider all comments of record and the requirements of applicable federal and state laws. In making this decision, a determination will be made regarding the lost value of the resource compared to the value of any proposed mitigation. The department shall consider practicable alternatives to the alteration. The department shall also consider loss of waters or habitat, diminishment in biological diversity, cumulative or secondary impacts to the water resource, and adverse impact to unique, high quality, or impaired waters.

**COMMENTING:** Persons wishing to comment on the proposal are invited to submit written comments to the department. Written comments must be received within **thirty days of the date that this notice is posted**. Comments will become part of the record and will be considered in the final decision. The applicant's name and permit number should be referenced. Send all written comments to the department's address listed below and to the attention of the permit coordinator.

**PUBLIC HEARING:** Interested persons may request in writing that the department hold a public hearing on this application. The request must be filed within the comment period, indicate the interest of the person requesting it, the reasons that the hearing is warranted, and the water quality issues being raised. When there is sufficient public interest in water quality issues, the department will hold a public hearing. Send all public hearing request to the department's address listed below and to the attention of the permit coordinator.

**APPEAL:** A permit appeal may be filed, pursuant to T.C.A. §§ 69-3-105(i) and Rule 0400-40-05, by the permit applicant or by any aggrieved person who participated in the public comment period announced by this notice. This petition must be filed within THIRTY (30) DAYS after public notice of the issuance of the permit. The petition must specify what provisions are being appealed and the basis for the appeal. It should be addressed to the technical secretary of the Tennessee Board of Water Quality, Oil and Gas at the following address: Tisha Calabrese Benton, Director, Division of Water Resources, William R. Snodgrass Tennessee Tower, 312 Rosa L. Parks Ave, 11<sup>th</sup> floor, Nashville, TN 37243. Any hearing would be in accordance with T.C.A. §§69-3-110 and 4-5-301 et seq.

**FILE REVIEW:** The permit application, supporting documentation including detailed plans and maps, and related comments are available at the department's address (listed below) for review and/or copying.

Tennessee Department of Environment & Conservation  
Division of Water Resources, Natural Resources Unit  
William R. Snodgrass Tennessee Tower  
312 Rosa L. Parks Avenue, 11th Floor  
Nashville, Tennessee 37243



2,000 1,000 0 2,000  
Feet

### Legend

Survey Area (58.16 Acres)

### Reference

Base map comprised of USGS Topographic Map Rossville, Tenn.  
(1965, Photorevised 1973).

### Overview Map

Piperton Class Change Project  
Fayette County, Tennessee

**TransCanada Pipelines Limited**  
Houston, Texas



Drawn By	MDB	4/16/14
Checked By	MDB	4/16/14
Approved By	DW	4/16/14
Project Number		492583
Drawing Number		492583-002
		<b>1</b> Figure

CH2M HILL Engineers, Inc.

Mr. Mike Lee  
November 21, 2014

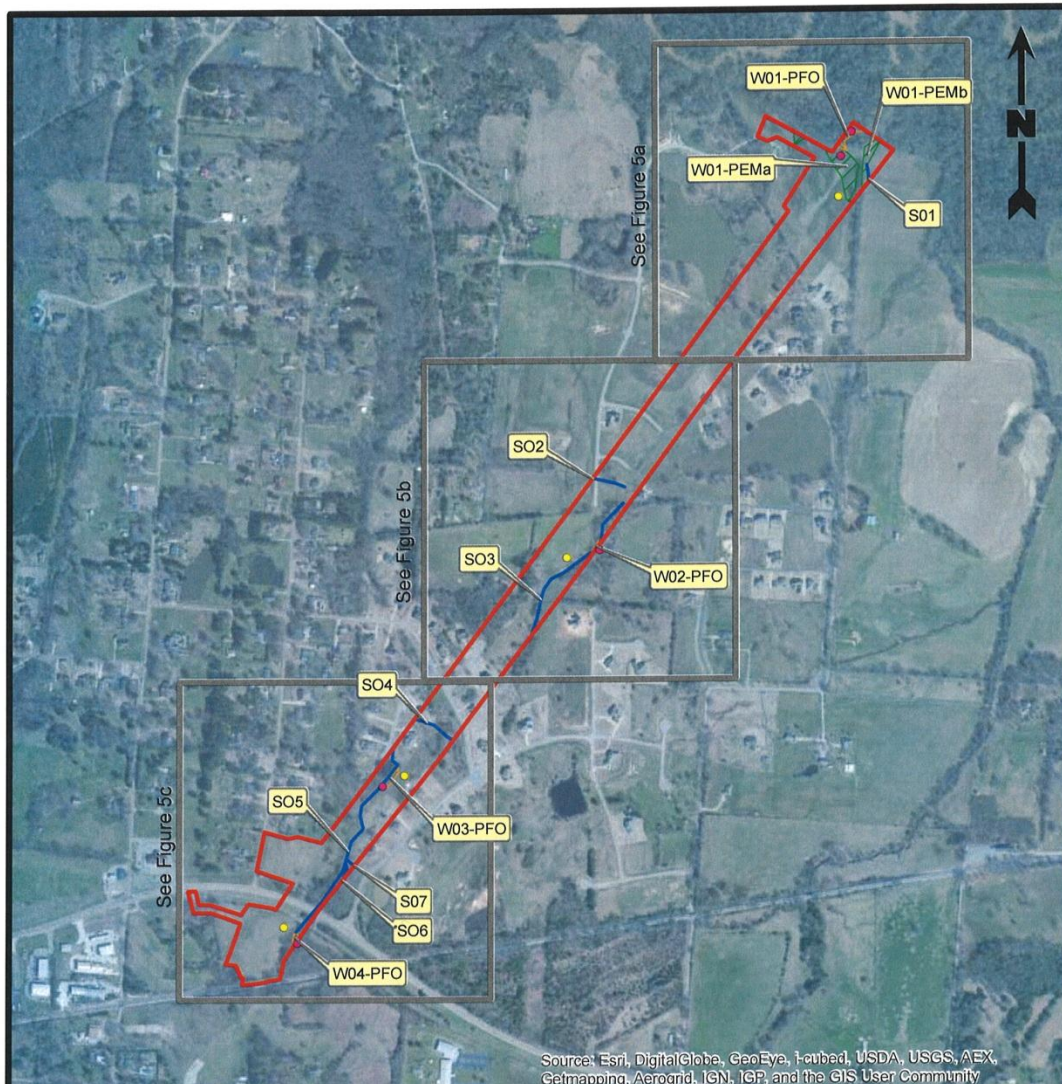
be allowed to revegetate naturally to a forested wetland. Table 1 contains more detailed information on the wetland and waterbody impacts

**TABLE 1**  
Wetland and Waterbody Resources Within  
or Adjacent to Project Areas

Feature ID	Feature Type	Quantity of Impacts	Installation Method & Proposed Impacts
<b>Wetlands</b>			
W01-PEMa	Palustrine, emergent	0.38 acres	Temporary Mat Installation for Equipment Turnaround and ATWS
W01-PEMb	Palustrine, emergent	0 acres	N/A – Not Impacted
W01-PFO	Palustrine, forested	0 acres	N/A – Not Impacted
W02-PFO	Palustrine, forested	0 acres	N/A – Not Impacted
W03-PFO	Palustrine, forested	0.09 acres	New Permanent Vegetation Maintenance – 0.04 acres (to be maintained as herbaceous habitat) and Open Trench – 0.09 acres (pipeline removal & installation)
W04-PFO	Palustrine, forested	0 acres	N/A – Not Impacted
<b>Waterbodies</b>			
S01	Ephemeral Stream	0 linear feet	N/A – Not Impacted
S02	Ephemeral Stream	80 linear feet	Open Trench (pipeline removal & installation)
S03	Ephemeral Stream	187 linear feet	Open Trench (pipeline removal & installation)
S04	Ephemeral Stream	78 linear feet	Open Trench (pipeline removal & installation)
S05	Intermittent Stream	255 linear feet	Open Trench (pipeline removal & installation)
S06	Ephemeral Stream	0 linear feet	N/A – Not Impacted
S07	Ephemeral Stream	0 linear feet	N/A – Not Impacted

Erosion and sedimentation controls will be utilized to protect the wetland resources as identified in the FERC *Plan* and *Procedures* (Attachment E) and shown on the project alignment sheets (Attachment F). Specific information regarding the wetlands that will be





Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGR, and the GIS User Community

1,000 500 0 1,000  
Feet

### Legend

- |  |  |
|--|--|
| <span style="border: 2px solid red; display: inline-block; width: 20px; height: 10px;"></span> Survey Area (58.16 Acres)                                     | <span style="color: yellow;">●</span> Upland Data Point  |
| <span style="color: blue;">—</span> Streams (3,576.45 Linear Feet)   | <span style="color: purple;">●</span> Wetland Data Point |
| <b>Wetlands (2.00 Acres)</b>   |  |
| <span style="background-color: #90EE90; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span> Palustrine Emergent (1.46 Acres) |  |
| <span style="background-color: #FFD700; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span> Palustrine Forested (0.54 Acre)  |  |

### Reference

Base map comprised of ESRI World Imagery.

## Wetland Delineation Map - Overview

Piperton Class Change Project  
Fayette County, Tennessee

**TransCanada Pipelines Limited**  
Houston, Texas



Drawn By	MDB	4/16/14
Checked By	MDB	4/16/14
Approved By	DW	4/16/14
Project Number 492583		<b>5</b> Figure
Drawing Number 492583-005		

CH2M HILL Engineers, Inc.



Site Name	State	Photo Direction
W01-PEM	TN	East



Site Name	State	Photo Direction
W01-PFO	TN	East





Site Name	State	Photo Direction
W01-UPL	TN	South



Site Name	State	Photo Direction
W02-PFO	TN	Southwest





Site Name	State	Photo Direction
S01	TN	North



Site Name	State	Photo Direction
S02	TN	West